

SHEET 1 OF 1

FORM PTO-1448	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MICRON.248A	APPLICATION NO. 10/050,339
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Tuttle, et al	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE Jan. 15, 2002	GROUP 2818

## U.S. PATENT DOCUMENTS

**FOREIGN PATENT DOCUMENTS**

EXAMINER  
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER	<i>Maldeowice</i>	DATE CONSIDERED	<i>11/22/04</i>
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FORM PTO-1449 <i>APR 12 2004 JC108</i> U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. MICRON.248A	APPLICATION NO. 10/050,339
	APPLICANT Tuttle, et al.	
	FILING DATE January 15, 2002	GROUP 2818

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>MH</i>	5,258,972	11/2/93	Brasfield, et al.			
	5,391,892	2/21/95	Devereaux, et al.			
	6,155,675	12/5/00	Nice, et al.			
	6,284,107	9/4/01	Zhu, et al.			
	6,444,257	9/3/02	Kutt, et al.			

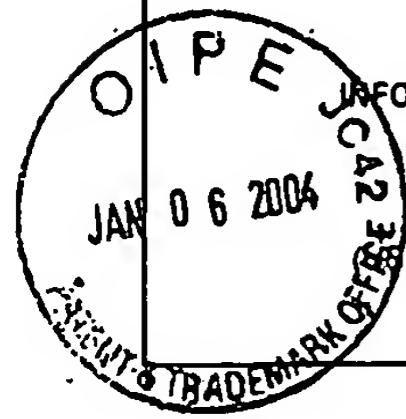
FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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EXAMINER	<i>Michael Hua</i>	DATE CONSIDERED	<i>11/22/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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APPLICANT Tuttle, et al.	FILING DATE January 15, 2002	
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MF	3,623,032	11/23/71	Schapira			
MF	4,323,405	4/6/82	Uno, et al.			
	4,423,548	1/3/84	Hulseweh			
	4,839,716	6/13/89	Butt			
	5,559,306	9/24/96	Mahulikar			
	5,668,406	9/16/97	Egawa			
	5,977,626	11/2/99	Wang, et al.			
	5,998,867	12/7/99	Jensen, et al.			
	6,365,960	4/2/02	Pollock, et al.			June 19, 2000
	6,452,253	9/17/02	Tuttle			Aug. 31, 2000
	6,455,864	9/24/02	Featherby, et al.			Nov. 30, 2000
	6,507,101	1/14/03	Morris			March 26, 1999
	6,515,352	2/4/03	Spielberger, et al.			Sept. 25, 2000
	6,531,759	3/11/03	Wachnik, et al.			Feb. 6, 2001
	6,559,521	5/6/03	Tuttle			
	6,566,596	5/20/03	Askew			Dec. 29, 1997
	6,583,987	6/24/03	Skinner, et al.			April 16, 2002
	6,603,193	8/5/03	Crane, Jr., et al.			Sept. 6, 2001
	6,614,102	9/2/03	Hoffman, et al.			May 4, 2001
	6,635,819	10/21/03	Awakura, et al.			April 4, 2001
	6,650,003	11/18/03	Benedetto			Nov. 17, 2000
↓	6,664,613	12/16/03	Tuttle			

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EXAMINER	<i>Mahulikar</i>	DATE CONSIDERED	<i>11/22/04</i>
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REINHOLD INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>REINHOLD</i> AUG 08 2003 U.S. PATENT & TRADEMARK OFFICE USE SEVERAL SHEETS IF NECESSARY		APPLICANT Tuttle, et al.	
		FILING DATE January 15, 2002	GROUP 2818

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
<i>MH</i>	1 5,406,117	04/11/95	Slugocki, et al.	—	—	—	
<i>MH</i>	2 5,635,754	06/03/97	Strobel, et al.	—	—	—	
<i>MH</i>	3 5,650,659	07/22/97	Mostafazadeh, et al.	—	—	—	
<i>MH</i>	4 5,763,824	06/09/98	King, et al.	—	—	—	
<i>MH</i>	5 5,736,070	04/07/98	Murakami, et al.	—	—	—	
<i>MH</i>	6 5,825,042	10/20/98	Strobel, et al.	—	—	—	
<i>MH</i>	7 5,831,331	11/03/98	Lee	—	—	—	
<i>MH</i>	8 5,889,316	03/30/99	Strobel, et al.	—	—	—	
<i>MH</i>	9 6,097,080	08/01/00	Nakanishi, et al.	—	—	—	
<i>MH</i>	10 6,174,737 B1	01/16/01	Durlam, et al.	—	—	—	
<i>MH</i>	11 6,429,044 B1	08/06/02	Tuttle	—	—	—	
<i>MH</i>	12 6,151,352 B1	02/04/03	Spielberger, et al.	—	—	—	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

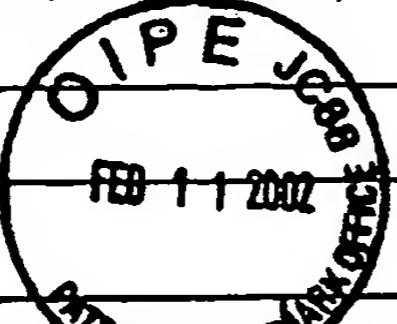
  

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						

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EXAMINER <i>Murakami</i>	DATE CONSIDERED <i>09/03</i>
'EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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MH	4,953,002	8/28/90	Nelson et al.			
MH	5,387,551	2/7/95	Mizoguchi et al.			
MH	5,561,265	10/1/96	Livshits et al.			
MH	5,640,047	6/17/97	Nakashima			
MH	5,902,690	5/11/99	Tracy et al.			
MH	5,939,772	8/17/99	Hurst et al.			
MH	6,027,948	2/22/00	Jensen et al.			

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						YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
MH	"Easy BGA Packaging for Intel® Flash Memory Devices: Product Overview," Intel.com, (2001), pp. 1-3.
MH	"Overview Of Intel Packaging Technology," 1999 Packaging Databook, Ch. 1., pp.1-2.
MH	"Preliminary Mechanical and Shipping Media Information for Easy BGA Packages," Easy BGA Mechanical Specification, (May 2000), pp. 1-6.
MH	"The Chip Scale Package (CSP)," 2000 Packaging Databook, Ch. 15, pp. 1-12.
MH	Mahajan et al., "The Evolution of Microprocessor Packaging," Intel Technology Journal Q3, (2000), pp. 1-10.

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EXAMINER	<i>Mahajan et al.</i>	DATE CONSIDERED	<i>05/03</i>
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